

Deepwater Horizon SITREP

05/12/2010 0600 - 05/13/2010 0600

Division: Chalmette, St. Bernard Parish LA

Monitoring Locations: 3 Air Monitoring Locations, monitoring continues.

1. C02 - located at Fire Station number 8, Poydras LA - 29.86609N, -89.89108W
2. C04 – located at Fire Station on Aycock St in Chalmette, LA - 29.96082, -90.00132
3. C05 – located at Fire Station number 11, Hopedale, LA, - 29.84049, -89.68980

Air Monitoring Equipment: Each location has 5 pieces of air equipment (3 back up AreaRaes were received at 1000 05/12/10).

1. DataRam - monitoring particulate matter
2. AreaRae - monitoring VOCs
3. PQ200 - samples for PM2.5
4. Suma Canister per location - sample for VOCs
5. EBAM – monitoring particulate matter

Samples Collected:

- 4 – Water (+Duplicate for QA/QC)
- 3 – Sediment (+Duplicate for QA/QC)
- 3 – Toxicity (+Duplicate for QA/QC)
- 8 – Suma Canisters (VOCs)
- 3 – Filters (24-hour 2.5 particulate)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 2200 05/11/2010 has been published to SCRIBE at 1200 5/12/2010.
- Sample location information was published for 5/12/2010 at approximately 2000 05/12/2010.
- 3 monitoring locations were checked at approximately 1.5-2 hour intervals beginning at 0600 this operational period.
 - AreaRAEs/MultiRae instruments reported 0 VOC exceedances.
 - Data Ram instruments reported 0 particulate exceedances
 - EBAM instruments reported 0 particulate exceedances
- Additional equipment has been implemented to conduct Benzene monitoring if the VOC levels exceed the 10 PPM action level.
- 8 Suma canisters (for VOCs) were collected during this operational period to be shipped to the contracted laboratory for analysis. One Suma canister placed at 0022 at location C05 was not operating when crews returned to the location. Crews retrieved a new Suma canister and replaced the C05 unit at 0342. The delay in replacing the unit caused the total count for Suma canisters to be one less than normal.
- 3 Filters were collected from PQ200 samplers during 05/12/2010 0600-1400 operations.
- All operations currently nominal

Water Operations Team:

- On 5/12/10 the water operation team continued operations, launching from Cocodrie, Terrebonne Parish, and traveling to Atchafalaya Bay and East Cote Blache Bay, (South St. Mary Parish) area to collect water and sediment samples from pre-identified locations (NCA10-2318, NCA10-2322, NCA10-2312, and NCA10-2316).
 - Sediment (toxicity and chemical analysis) samples were not collected from location NCA10-2316 due to the bottom surface being covered with oyster beds. The water operation team could not retrieve sediments without causing damage to the bed.
- No oiled wildlife observed.

- No visual oil or odors were observed.
- Weather conditions were moderate/poor for water operations on 5/12/2010.
- Weather conditions are forecasted to be poor for coastal water operations scheduled for 5/13/2010. The team will collect samples from the pre-identified points in a protected area north of Grand Isle, Jefferson Parish, LA.

Current EPA Assets

- Deployed to Chalmette, LA
 - 1 OSC
 - 16 START personnel
 - 1 EPA LRV

Division: Venice, Plaquemines Parish, LA

Air Monitoring Locations:

1. V02 - located at USCG in Venice, LA, 29.25274 N, 89.35750 W
2. V03 - located at Welding Supply Co. in Boothville, LA, 29.31449 N, 89.38433 W
3. V05 - located at Fort Jackson, 29.35699 N, 89.45487 W

Air Monitoring Equipment: Each location has 5 pieces of air equipment:

1. DataRam - monitoring particulate matter
2. AreaRae/MultiRae - monitoring VOCs/H₂S/CO
3. PQ200 - samples for PM 2.5
4. Summa Canister - sample for VOCs
5. EBAM particulate monitors (PM10) have been deployed

Samples collected

- 0 – Water
- 0 – Sediment
- 9 – Summa Canisters (VOCs)
- 3 – Filters (24-hour PM 2.5)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 1800 05/12/2010 has been published to SCRIBE at 1900.
- 24-hour air monitoring and sampling continues at the locations above.
- All 3 monitoring locations were last checked at approximately 0530 this morning.
- MultiRaes/AreaRaes are rotated at each location, and brought in to the MCP for data downloading and charging at approximately 8-hour intervals. DataRams are downloaded in the field at 8-hour intervals.
- Instruments are kept in operation using external rechargeable batteries. Marine batteries have been obtained to extend battery life if needed. Options for AC power are being evaluated at locations V02 and V03.
- The stations are visited hourly and the AreaRAEs/MultiRae are read to determine the maximum reading from the last equipment download and battery levels checked. This number is relayed back to the Venice CP.
- EBAM particulate monitors are deployed at all three monitoring locations. Data from EBAM at V05 was not logged from 0900 to 1000 due to equipment shutdown.

Water Operations Team:

- Water operations were not conducted.

Current EPA Assets

- Deployed to Venice, LA

- 1 OSC
- 11 START personnel
- 1 MCP
- One EPA Gooseneck Trailer
- One EPA 20 KW Generator